

### AMENDMENTS TO SPECIFICATION

Please cancel the amended paragraph submitted in the amendment of May 3, 2005, and substitute the following paragraph on page 12, lines 9-17:

—FIG. 1 ~~show~~shows an embodiment of a VR resolver 1 according to the present invention. It shows an example in which the shape of a ~~non-permanent~~ magnetic rotor is determined by the above-described Equation 4, and in which the value of the gap  $\delta$  between the rotor 2 and the stator 4, which determines the shape for the rotor 2, is determined by the above-described Equation 5. FIG. 1 shows the case in which the shaft angle multiplier  $N = 4$ , i.e., the case in which the rotor 2 has four abutting salient poles 3 protruding from and evenly spaced around the periphery of a central circular portion.